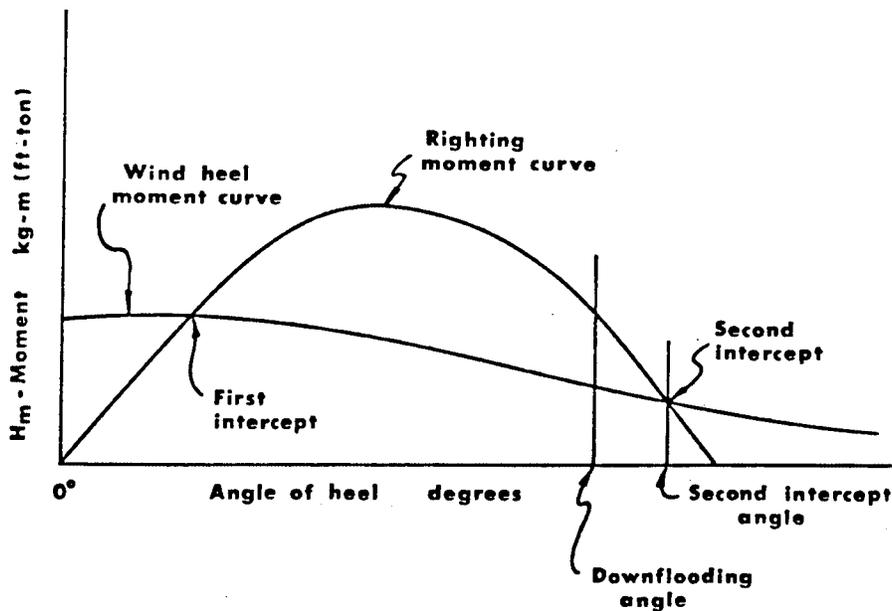


units' waterline prior to the first intercept angle, except that ventilation intakes and outlets for machinery spaces, crew spaces, and other spaces where ventilation is normally required are considered as openings through which downflooding could occur regardless of location.

(d) Each unit must be designed so that it can be changed from each of its normal operating conditions to a severe storm condition within a minimum period of time consistent with the operating manual required in §109.121 of this chapter.

GRAPH 174.045

Intact Stability Curves for a Given Normal Operating or Severe Storm Mode



[CGD 79-023, 48 FR 51048, Nov. 4, 1983, as amended by CGD 83-071, 52 FR 6979, Mar. 6, 1987]

**§ 174.050 Stability on bottom.**

Each bottom bearing unit must be designed so that, while supported on the sea bottom with footings or a mat, it continually exerts a downward force on each footing or the mat when sub-

jected to the forces of wave and current and to wind blowing at the velocities described in §174.055(b)(3).

**§ 174.055 Calculation of wind heeling moment (Hm).**

(a) The wind heeling moment (Hm) of a unit in a given normal operating condition or severe storm condition is the